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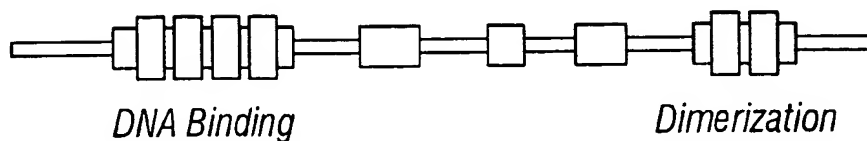


FIG. 1A

1	50
DAED	----- --MESLFCE SSGDSSLEKE FLGAPVGPSV STPN SQHSSP
HEL	---MHCTLT M ETDAIDGYIT CDNELSPEGE HANMAIDLTS STPNGQQASP
AIO	-MEDIQPTVE LKSTEEQPLP TESP DALNDY SLPKPHEIEN VDSREAPANE
IK	MDVDEGQDMS QVSGKESPPV SDTPDE.GDE PMPVPEDLST TSGAQQNSKS
51	100
DAED	SRSLSANSIK VEMYSDEESS RL.LGPDERL LDKDDSVIVE DSLSEPLGYC
HEL	SHMTSTNSVK LEMQSDEECD RQPLSREDEI RGHDEGSSLE EALIESSEVA
AIO	DEDAGEDSMK VKDEYSRDE N..IMKPEPM GDAEESEM.P YSYAREYS DY
IK	DRGMA.SNVK VETQSDEENG R..ACEMNGE ECAEDLRMLD ASGEKMNGSH
101	150
DAED	DGSGPEP.HS PGGIRLPNGK LKCDVCGMVC IGP NVLMVHK RSHTGERPFH
HEL	DNRKVQDLQG ERGIRLPNGK LKCDVCGMVC IGP NVLMVHK RSHTGERPFH
AIO	ESIKLERHVP YDNSRPTSGK MNCDVCGLSC ISFNVMVHK RSHTGERPFQ
IK	RDQGSSALSG VGGIRLPNGK LKCDICGIVC IGP NVLMVHK RSHTGERPFQ
151	200
DAED	CNQC GASFTQ KGNLLRHIKL HS GEKPFKCP FCNYACRRRD ALTGHLRTHS
HEL	CNQCGRSFTQ KGNLLRHIKL HS GEKPFKCP FCSYACRRRD ALTGHLRTHS
AIO	CNQC GASFTQ KGNLLRHIKL HTGEKPFKCH LCNYACQRRD ALTGHLRTHS
IK	CNQC GASFTQ KGNLLRHIKL HS GEKPFKCH LCNYACRRRD ALTGHLRTHS
201	250
DAED	VSSPTVGKPY KCNYCGRSYK QSTLEEHKE RCHNYLQSL S TDA..QALTG
HELVGKPH KCNYCGRSYK QRTSLEEHKE RCHNYLQNV S MEAAGQVM SH
AIOVEKPY KCEFCGRSYK QRSSLEEHKE RCRAFLQNP D LGDAASV...
IKVGKPH KCGYCGRSYK QRSSLEEHKE RCHNYLESM G LPGVCPVIKE

FIG. 1B-1

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251 300
DAED Q..PGDEIRD LEMVPDMLH .PSTERPTFI DRLANSLTKR KRSTPQKFVG
HEL HVPPEMEDCKE QEPIMDNNIS LVAFERPAVI EKLTANMGKR KSSTPQKFVG
AIO EARHIK.... .AEM..... ..GSEALVL DRLASNVAKR KSSMPQKFIG
IK ETNHNEMAED LCKI..... ..GAERSLV DRLASNVAKR KSSMPQKFLG
301 350
DAED EKQMRFSLSLSD LPYDVNASGG YEKDELVAH HGLEPGFGGS LAFVGTGHLR
HEL EKLMRFSYPD IHFHMNLT.. YEKEAELMQS HMMDQAINNA ITYLGAEALH
AIO EKRHCDF... ..ANYNPGYM YEKENEMMQT RMMDQAINNA ISYLGAEAFR
IK DK..CLS... ..DMPYDSAN YEKE.DMTS HVMDQAINNA INYLGAEASLR
351 400
DAED PLRLPPTNCI SELTPVISSV YTMQPIPSR LELPGSREAG EGPEDLGDGG
HEL PLMQHAPSTI AEVAPVISSA YSQVYH.PNR IERPISRETS DSHENMDGP
AIO PLVQTPPAPT SEMVPVISSV YPIALTRAD.MP.... MGAPQEMEKK
IK PLVQTPPG.S SEVVPVISSM YQLHKPPSD.GPPRSN HSAQDAVDNL
401 450
DAED PLYRARGSL TDPGASPSNG CQDSTDTESN HEDRIGGVVS LPQGPPQPP
HEL ISLIRPKSRP QEREASPSNS CLDSTDSESS HDDR.....Q SYQGNPALNP
AIO RILLPEKILP SERGLSPNNS AQDSTDTESN HEDR.QHLYQ QSHVVL PQ..
IK LLLSKAKSVS SEREASPSNS CQDSTDTESN AEEQRSGLIY LTNHINPH..
451 500
DAED PTIVVGRHSP AYAKEDPKPQ ELLRGTPGP SKEVLRVVG SGEVPKAFKC
HEL KR....KQSP AYMKEDVKAL DA.TKAPKGS LKDIYKVFNG EGEQIRAFKC
AIOARNGM PLLKEVPRSF E.LLKPPPIC LRDSIKVINK EGEVMDVFRC
IKARNGL .ALKEEQRAY E.VLRAASEN SQDAFRVST SGEQLKYYKC
501 550
DAED EHCRIFLDH VMFTIHMGC GFRDPFECNI CGYHSQDRYE FSSHIVRGEH
HEL EHCRLFLDH VMYTIHMGC GYRDPLECN CGYRSQDRYE FSSHIVGGQH
AIO DHCHVLFLDY VMFTIHMGC GFRDPFECNM CGYRSHDRYE FSSHARGEH
IK EHCRLFLDH VMYTIHMGC GFRDPFECNM CGYHSQDRYE FSSHITRGEH
551
DAED KVGSCRI
HEL TFH--
AIO RAMLK--
IK RYHLS--

FIG. 1B-2

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1 50
MDAED ----- --MESLFCES SGDSSLEKEF LGAPVGPSVS
XDAED MSGSTFPTVV GHKLESIFYS STVAALDRPK AGDSSLEKDF SDALIGPTVS
51 100
MDAED TPNSQHSSPS RSLANSIKV EMYSDEESSR LLGPDERLLD KDDSVIVEDS
XDAED TPNSRHSSPS RSRANSIKV EMYGDDESGR LLSHEDRLSE KEDEIMGDDS
101 150
MDAED LSEPLGYCDG SGPEPHSPGG IRLPNGKLC DVCGMVCIGP NVLMVHKRSH
XDAED LVEPLGYCDG PGQDPHSP.G ILLPNGKLC DICGMVCIGP NVLMVHKRSH
151 200
MDAED TGERPFHCNQ CGASFTQKGN LLRHIKLSHG EKPFKCPFCN YACRRRDALT
XDAED TGERPFHCNQ CGAPFTQKGN LLRHIKLSHG EKPFKCPFCN YACRRRDALS
201 250
MDAED GHLRTHSVSS PTVGKPYKCN YCGRSYQQS TLEEHKERCH NYLQSLSTDA
XDAED GHLRTHA... ..VGKPYKCN YCGRSYQQN TLEEHKERCH NYLQSLSNEA
251 300
MDAED QALTGQPGDE IRDLEMVPDS MLHPSTERPT FIDRLANSLT KRKRSTPQKF
XDAED QHLPAPHG..EWGPQGGNCIC TR...
301 350
MDAED VGEKQMRFSL SDLPYDVNAS GGYEKDVELV AHHGLEPGFG GSLAFVGTEH
XDAED ..EKQMRLSL ADLPYEMNSS ..FEKDVEIV SHHPLDTAYG NSLAFVG...
351 400
MDAED LPL.RLPPTN CISELTPVIS SVYTQMQUIP SRLELPGSRE AGECPEDLGD
XDAED .GPMRLPPTN CISEITPVIS SVYTQLQPMQ GRPDMPGNRE AAEGHEDIPD
401 450
MDAED GGPLYRARG SLTDPGASPS NGCQDS.TDT ESNHEDRIGG VVSLPQGPPP
XDAED GTQIHVRGR. ..SEHGASPT NGCQDSNTDT ESNHEERGSQ ATS.....
451 500
MDAED QPPPTIVVGR HSPAYAKEDP KPQEGLL... .RGTPGPSKE VLRVVGESGE
XDAEDSR QSSAYAKEDQ RPSDGGLLLP SRSMPTAKE SLRVLGEDGV
501 550
MDAED PVKAFKCEHC RILFLDHVMF TIHMGCHGFR DPFE CNICGY HSQDRYEFSS
XDAED QVKVFKCEHC RVLFLDHVMF TIHMGCHGFR DPFE CNICGY HCQDRYEFSS
551
MDAED HIVRGEHKVG SCRI
XDAED HIVRGEHKV- ----

FIG. 1C

FIG. 2A

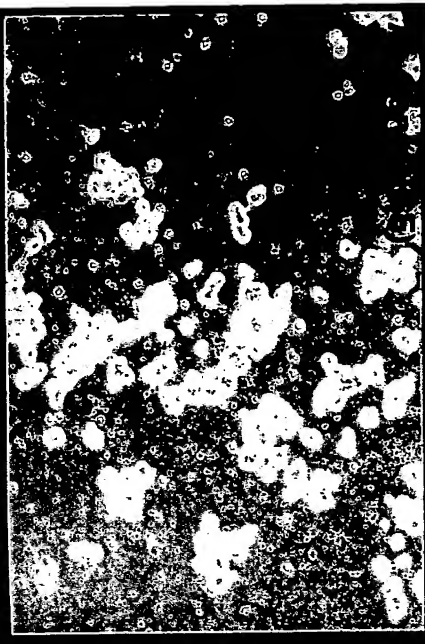


FIG. 2B

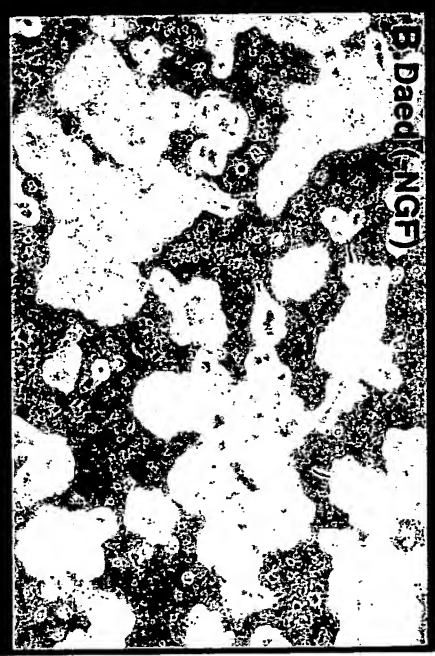


FIG. 2C

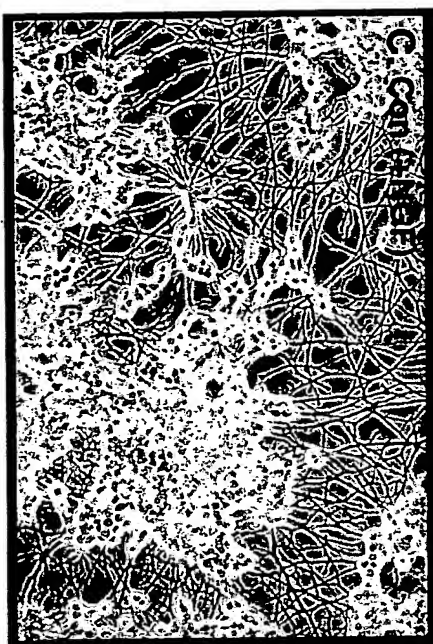


FIG. 2D

